

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071519\
 Data File : VN056719.D
 Acq On : 15 Jul 2019 17:59
 Operator : JC/SP
 Sample : K3817-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-TW532-3439

Quant Time: Jul 16 09:10:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 01:25:25 2019
 Response via : Initial Calibration

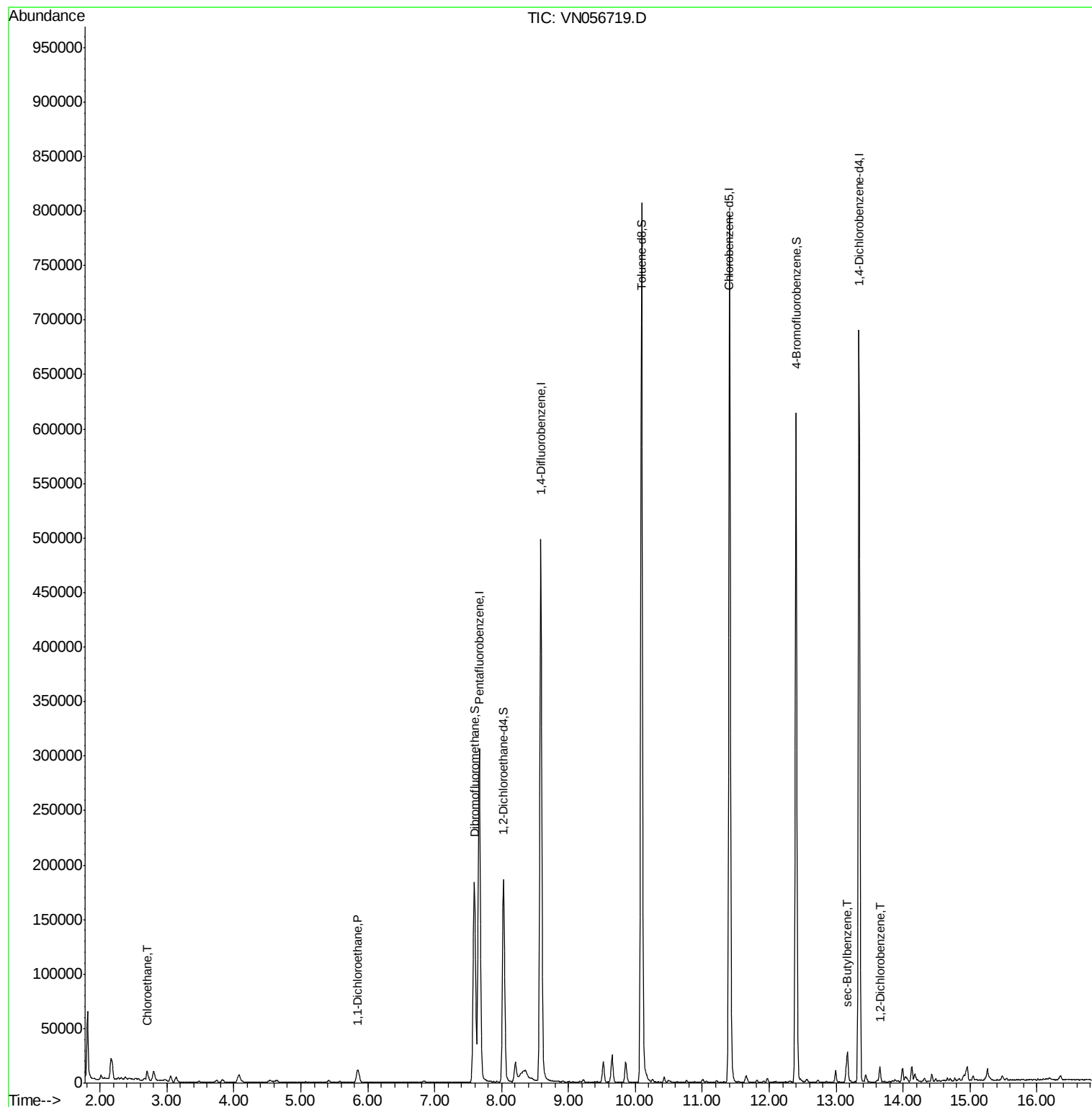
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	275328	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	482018	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	498545	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	201430	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	159725	52.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.90%	
35) Dibromofluoromethane	7.59	113	144225	48.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.16%	
50) Toluene-d8	10.09	98	602360	51.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.98%	
62) 4-Bromofluorobenzene	12.40	95	221864	56.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.58%	
Target Compounds						
6) Chloroethane	2.71	64	8229	4.219	ug/l	92
24) 1,1-Dichloroethane	5.85	63	19156	3.740	ug/l	99
85) sec-Butylbenzene	13.17	105	18263	1.194	ug/l #	75
91) 1,2-Dichlorobenzene	13.65	146	5921	0.832	ug/l	91

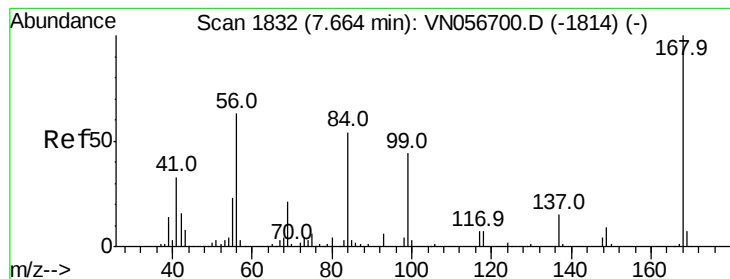
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 16 01:25:25 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056719.D

Acq: 15 Jul 2019 17:59

Instrument :

MSVOA_N

ClientSampleId :

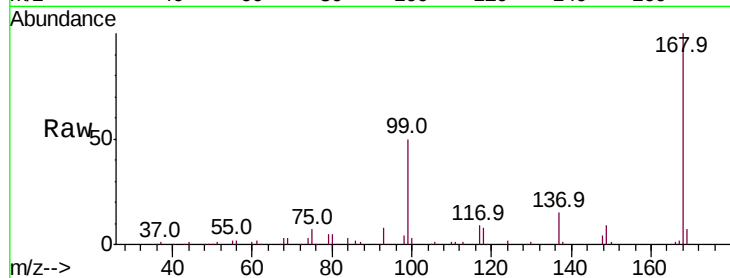
SA-TW532-3439

Tot Ion:168 Resp: 275328

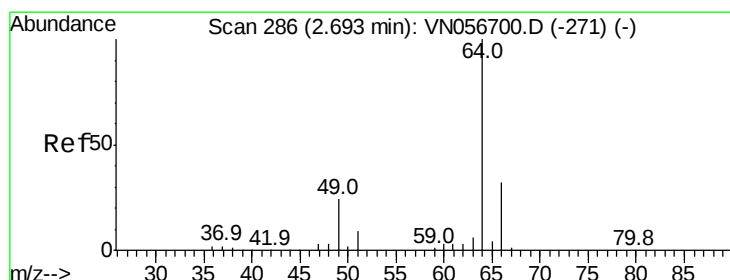
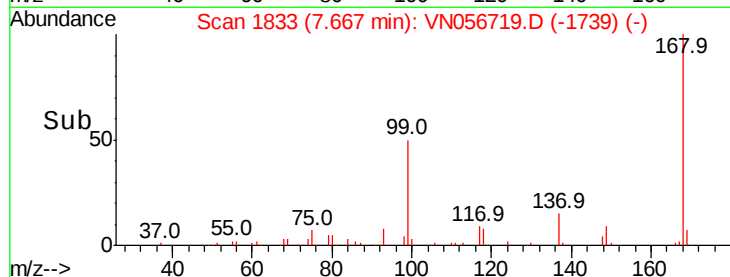
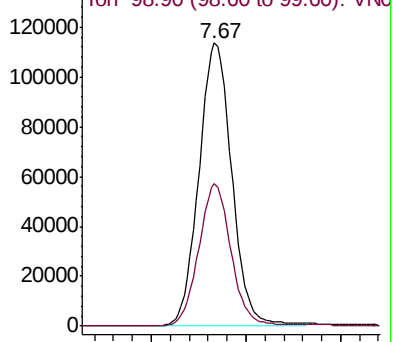
Ion Ratio Lower Upper

168 100

99 50.2 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VN056719.D (-1739) (-)



#6

Chloroethane

Concen: 4.219 ug/l

RT: 2.71 min Scan# 290

Delta R.T. 0.01 min

Lab File: VN056719.D

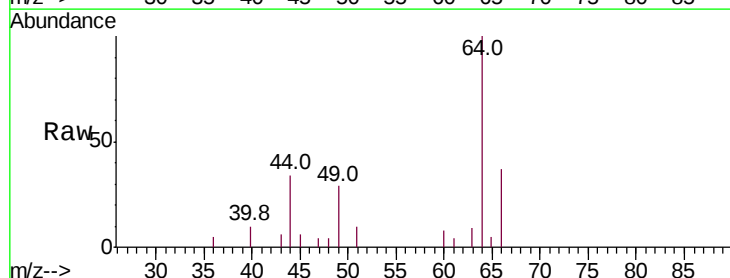
Acq: 15 Jul 2019 17:59

Tgt Ion: 64 Resp: 8229

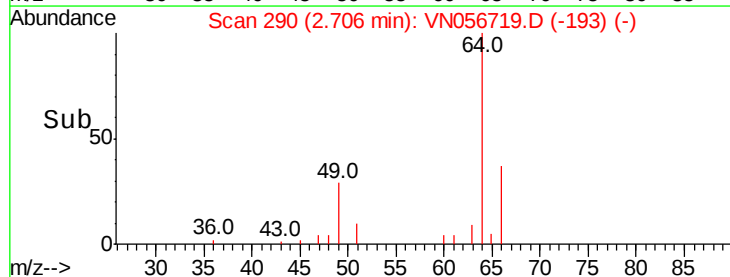
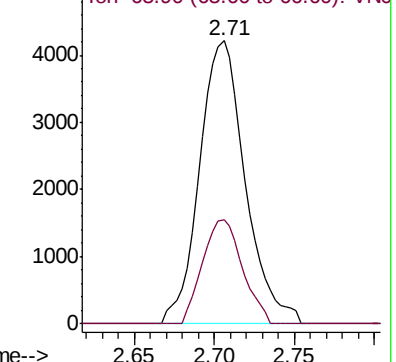
Ion Ratio Lower Upper

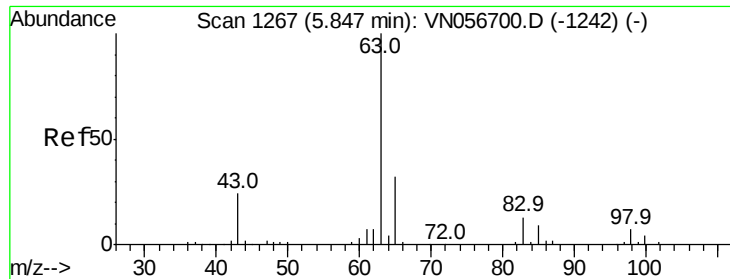
64 100

66 37.0 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN056719.D (-193) (-)

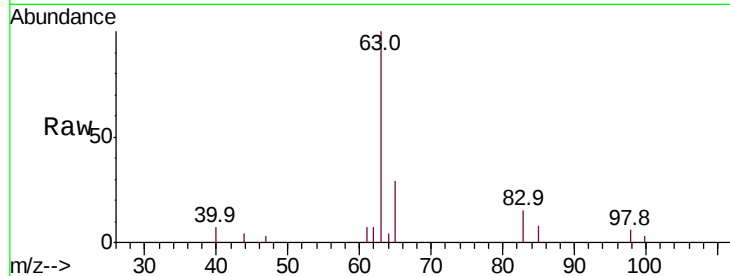




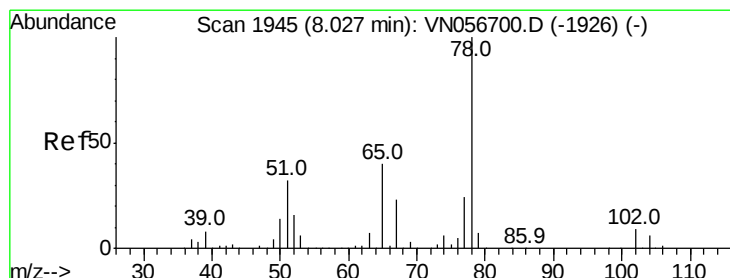
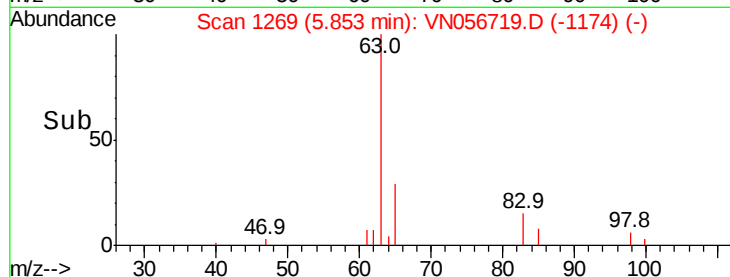
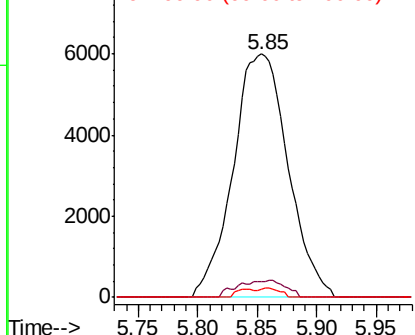
#24
 1,1-Dichloroethane
 Concen: 3.740 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. 0.01 min
 Lab File: VN056719.D
 Acq: 15 Jul 2019 17:59

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-TW532-3439

Tot Ion: 63 Resp: 19156
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.3 9.9
 100 3.2 2.0 5.8

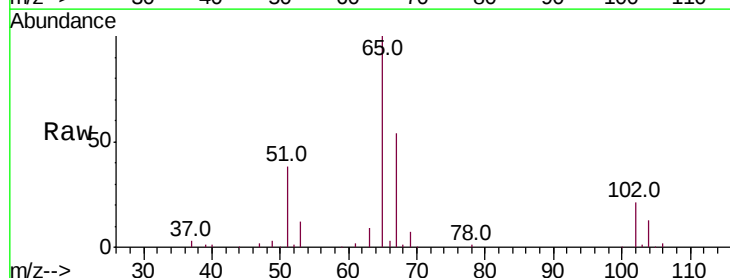


Abundance Ion 62.90 (62.60 to 63.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0
 Ion 99.90 (99.60 to 100.60): VN0

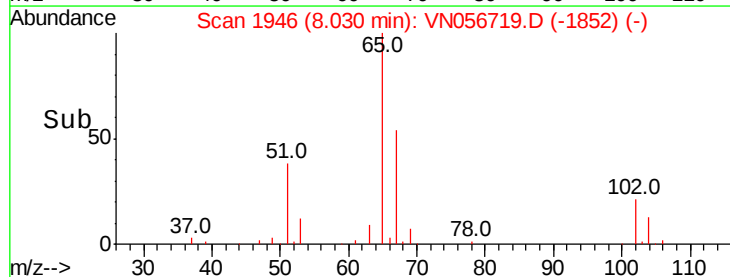
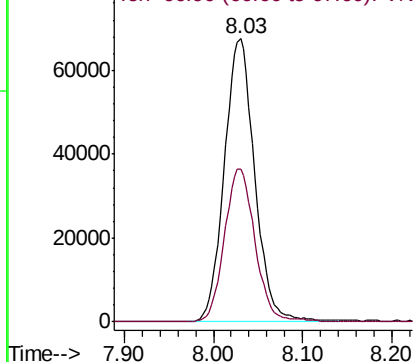


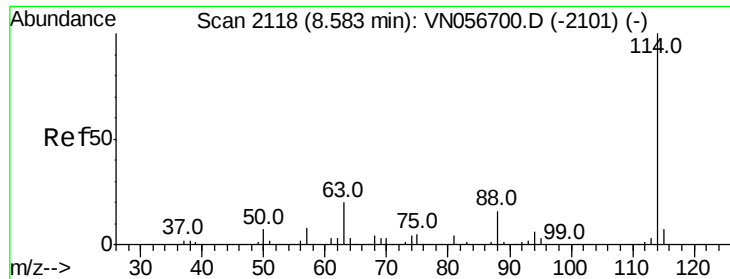
#33
 1,2-Dichloroethane-d4
 Concen: 52.446 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN056719.D
 Acq: 15 Jul 2019 17:59

Tgt Ion: 65 Resp: 159725
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VN0
 Ion 66.90 (66.60 to 67.60): VN0

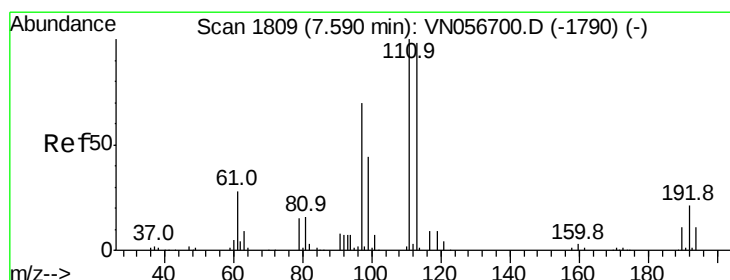
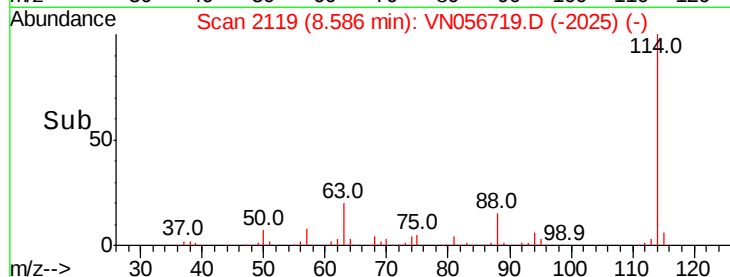
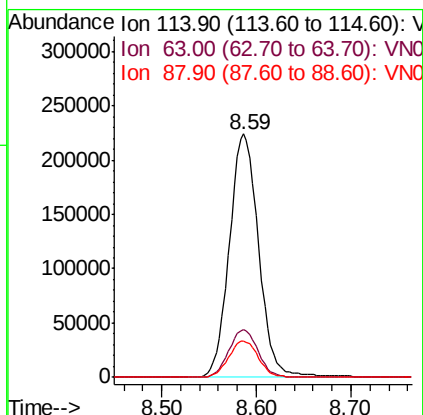
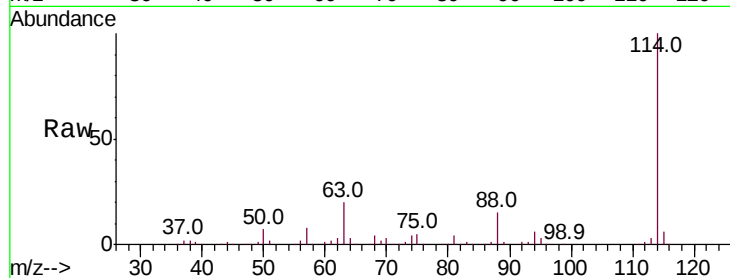




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056719.D
 Acq: 15 Jul 2019 17:59

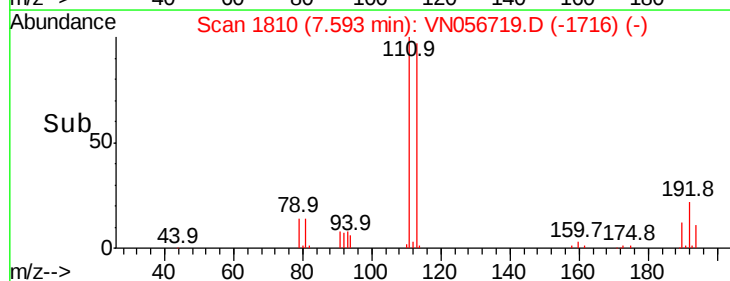
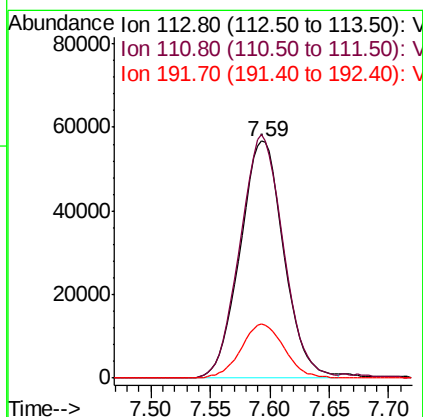
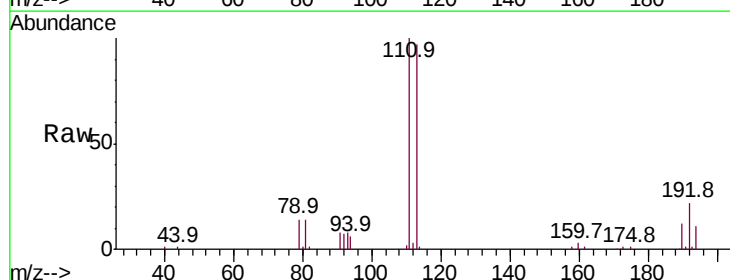
Instrument :
 MSVOA_N
 ClientSampleId :
 SA-TW532-3439

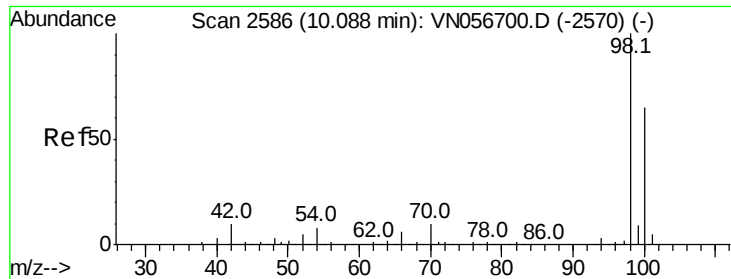
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.4
88	14.9	0.0	31.2



#35
 Dibromofluoromethane
 Concen: 48.080 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN056719.D
 Acq: 15 Jul 2019 17:59

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.8	122.6
192	22.6	17.5	26.3





#50

Toluene-d8

Concen: 51.992 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056719.D

Acq: 15 Jul 2019 17:59

Instrument :

MSVOA_N

ClientSampleId :

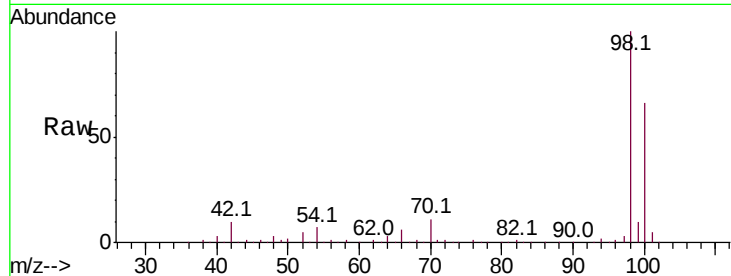
SA-TW532-3439

Tot Ion: 98 Resp: 602360

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN056700.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN056700.D (-2570) (-)

10.09

300000

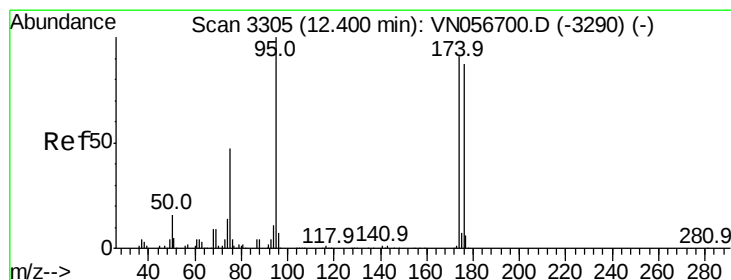
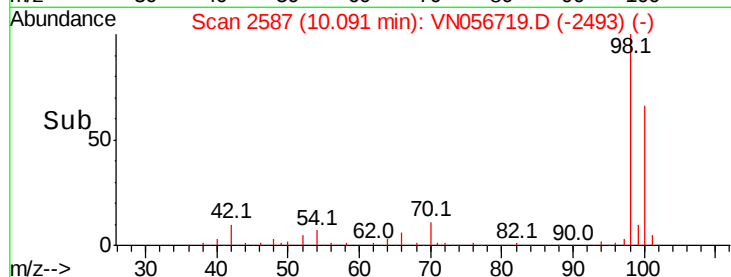
200000

100000

0

Time-->

10.00 10.10 10.20 10.30



#62

4-Bromofluorobenzene

Concen: 56.786 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056719.D

Acq: 15 Jul 2019 17:59

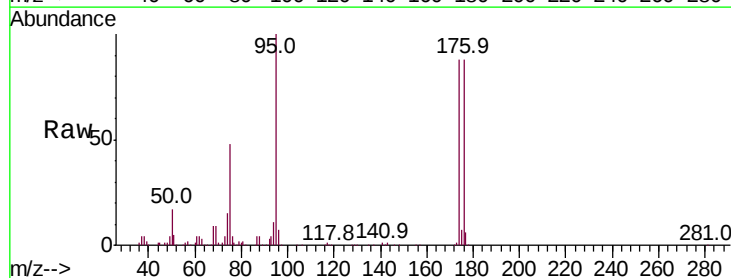
Tgt Ion: 95 Resp: 221864

Ion Ratio Lower Upper

95 100

174 89.6 0.0 180.0

176 87.4 0.0 173.2



Abundance Ion 94.90 (94.60 to 95.60): VN056700.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN056700.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN056700.D (-3290) (-)

12.40

150000

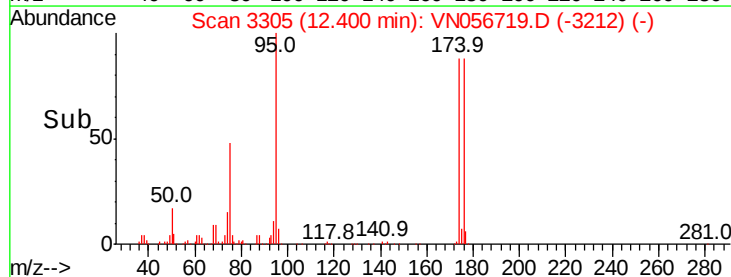
100000

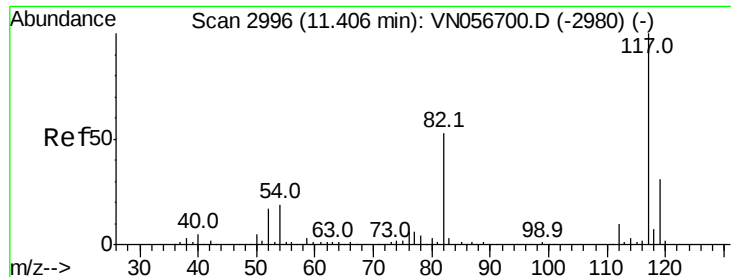
50000

0

Time-->

12.35 12.40 12.45

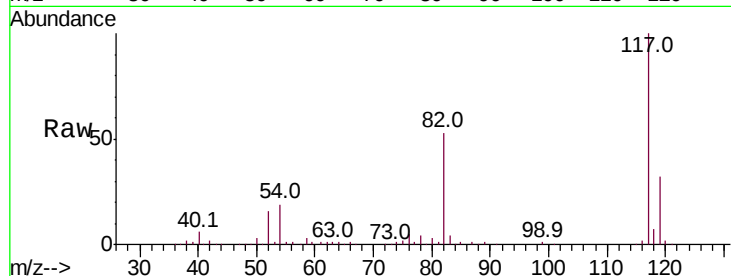




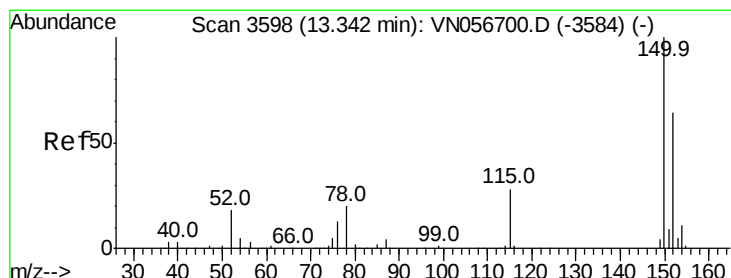
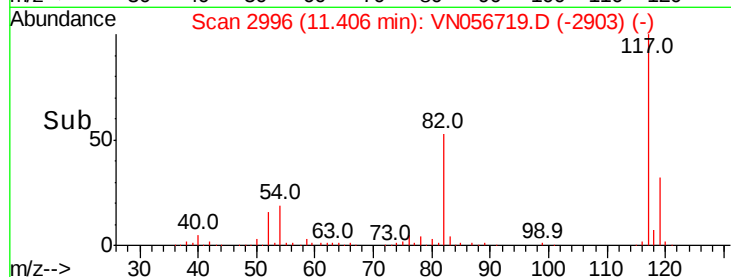
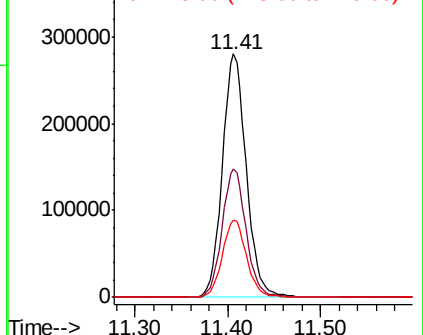
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. -0.00 min
 Lab File: VN056719.D
 Acq: 15 Jul 2019 17:59

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-TW532-3439

Tot Ion:117 Resp: 498545
 Ion Ratio Lower Upper
 117 100
 82 52.8 42.2 63.2
 119 31.7 25.2 37.8

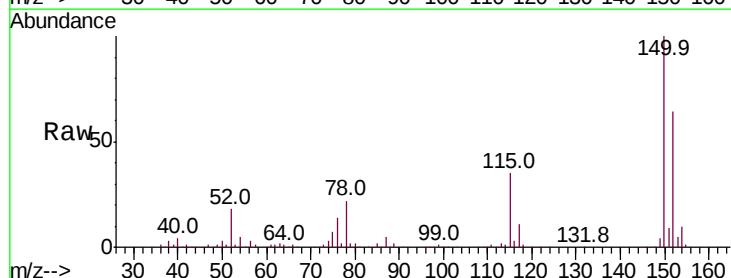


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 118.90 (118.60 to 119.60): V

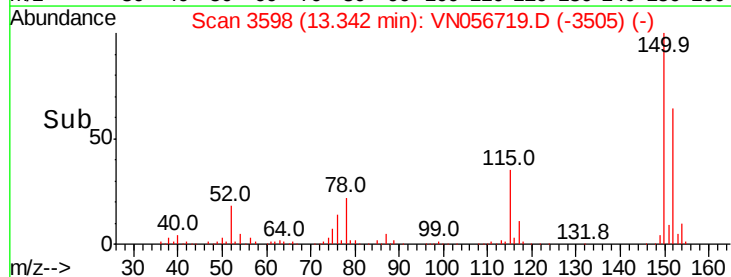
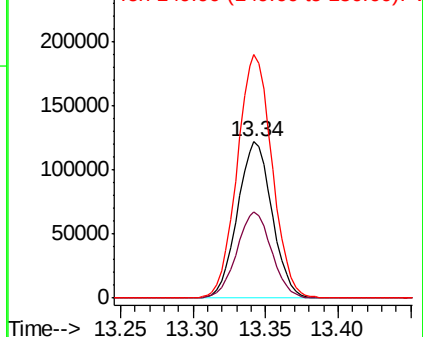


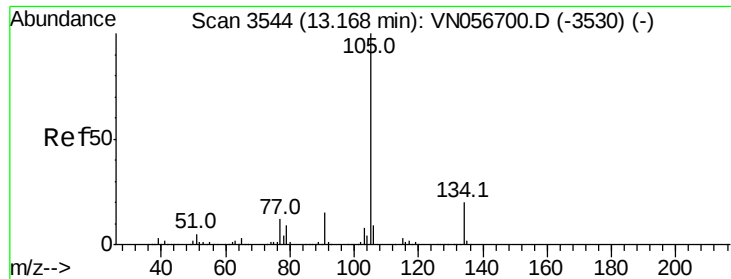
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. -0.00 min
 Lab File: VN056719.D
 Acq: 15 Jul 2019 17:59

Tgt Ion:152 Resp: 201430
 Ion Ratio Lower Upper
 152 100
 115 55.4 28.2 84.7
 150 157.3 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V





#85

sec-Butylbenzene

Concen: 1.194 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056719.D

Acq: 15 Jul 2019 17:59

Instrument :

MSVOA_N

ClientSampleId :

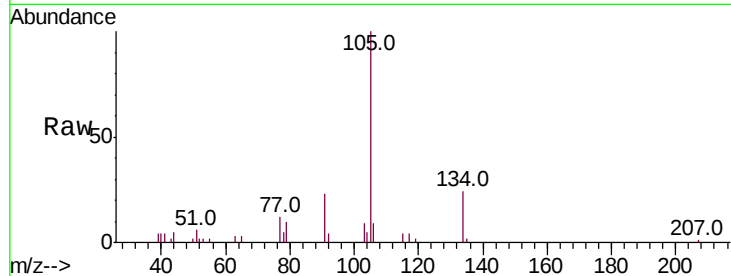
SA-TW532-3439

Tot Ion:105 Resp: 18263

Ion Ratio Lower Upper

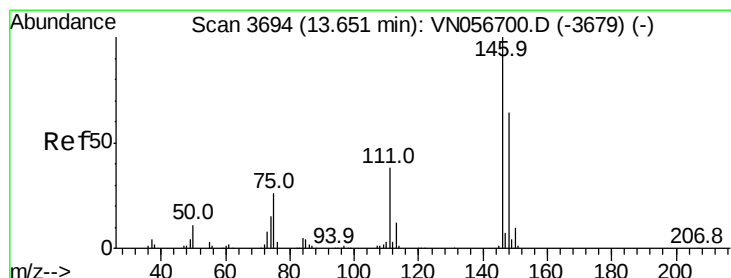
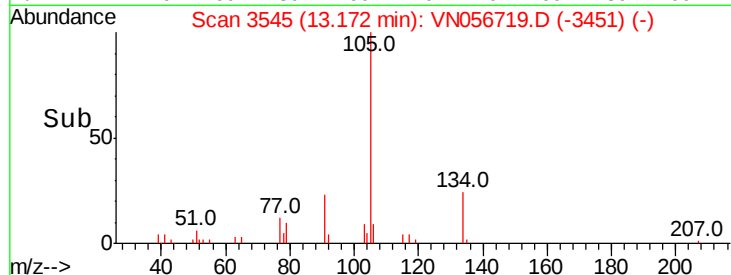
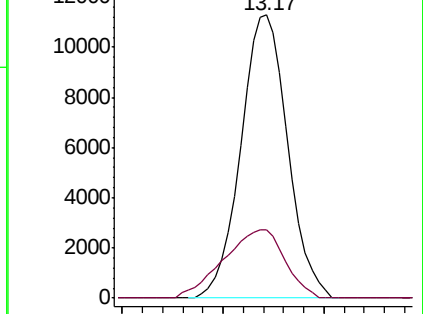
105 100

134 31.6 10.1 30.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#91

1,2-Dichlorobenzene

Concen: 0.832 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN056719.D

Acq: 15 Jul 2019 17:59

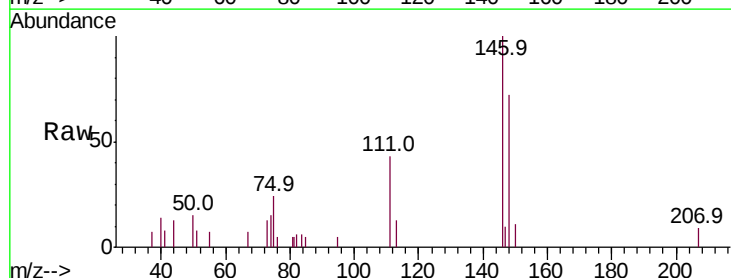
Tgt Ion:146 Resp: 5921

Ion Ratio Lower Upper

146 100

111 39.5 19.1 57.1

148 73.1 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

